1R - 4253

REPORTS

DATE:

10-15-09

Vacuum Marathon McAlister EOL 2009

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Aivision

CLOSURE

RECEIVED

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

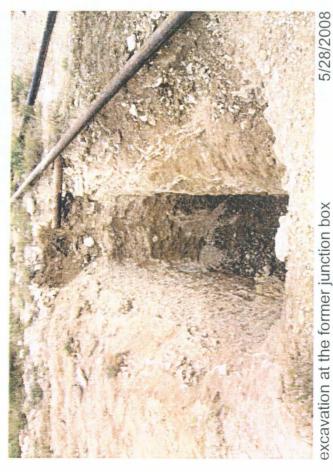
APR - 6 2010

BOX LOCATION

Environmental Bureau
Oil Conservation No. PEET
BOX DIMENSIONS FEET

SWDSYS	FW 10	INCTION	UNII	SECTION	TOWNSHIP	RANGE	COUN		IMENSIONS		
Vacuum		Marathon :Alister EOL	М	25	178	34E	Lea	Length	Width eliminated	Depth	_
L AND TYP	F BLM		STATE X	FFFIA	NDOWNER	,	·	OTHER			_
		-									
Depth to 0	3roundw	vater	95	feet	NMOC	D SITE ASS	SESSME	NT RANKING S	CORE:	10	
Date Sta	irted	9/8/2	005	Date Co	mpleted	2/9/2009	0	CD Witness	no	<u>C</u>	
Soil Excav	ated	8.3	cubic ya	rds Exc	cavation Le	ngth5	w	idth 3	Depth	15fe	et
Soil Dispo	osed	0	cubic ya	rds Of	fsite Facility	n	la	Location		n/a	
FINAL ANAL	YTIC/	AL RES	SULTS:	Samp	le Date	2/9/2009	9	Sample De	pth	20 ft, 30 ft	
TPH and Chloric	de labor	atory test	results cor	moleted by u	ising an app	roved lab ar	nd				
		-		to NMOCD			i d	CHLOR	IDE FIELD) TESTS	
Sample		PID (fiel		RO	DRO	Chloride		LOCATION	DEPT	H m/	g/kg
Location COLL BORING #	1 @ 20'	ppm		g/kg	mg/kg	mg/kg		200/1/1011			
SOIL BORING #		0.0		0.0	<10.0 31.5	352 272			3' 4'		69 69
SOIL BOTTING #	1 (2) 30	0.0		0.0	31.3	212	-		5'		81
General Descript	tion of F	Romodial	Action:	This junction	vuos addras	and during th			6'		80
Vacuum SWD Sys											82
backhoe to collect s	·						<u> </u>	vertical	8'		55
had dimensions of	<u>.</u>				·		_	delineation	9'		65
location being near								trench at the	10'		99
sample which yield								junction (source)	11'		98
which yielded low c								(source)	12'		66
clean, imported soil			-						13'		455
the surrounding are							i		13'		554
and is expected to r									14'		783
depth of chloride pr									15'		60
box site. The boring						<u> </u>			15'		82
ft and field tested fo	•				-			SOIL BORING	20'		63
of both. The 20 and								at the junction (2/9/2009)	25'		36
and TPH which cor	nfirmed k	ow concen	trations. Th	ne entire bore	hole was plu	gged with		(2/9/2009)	30'		79
bentonite to the gro							1				
					enclosures:	photos, lab r	esults, P	ID (field) screenin	gs, borina l	log, chloride	cun
								· · · · · · · · · · · · · · · · · · ·			
IHER	EBY CE	ERTIFY T	HAT THE I	NFORMATIO	ON ABOVE	IS TRUE AN	ND COM	PLETE TO THE	BEST OF	MY	
				KNOV	/LEDGE AN	ID BELIEF.					
SITE SUPERVISOR		Roy Rascor	SIG	NATURE	n	ot available		COMPANY	RICE OPE	RATING COM	PANY
REPORT ASSEMBLED BY		Katie Jones		INITIAL	<u>K)</u>						
PROJECT LEADER	Larry	Bruce Bak	er Jr. SIG	NATURE	larry 1	Bruce F	Saker	A. DATE	10 -	15-0	9
					U^{-}		•	•			

Vacuum Marathon McAlister EOL

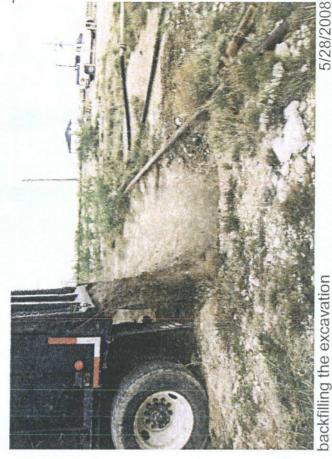






seeding the backfilled site

Unit M, Section 25, T17S, R34E



backfilling the excavation



soil boring the former junction box site

5/29/2008

2/9/2009



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY

ATTN: HACK CONDER 122 W. TAYLOR

HOBBS, NM 88240

FAX TO: (575) 397-1471

MAR 037009 FICE OPERATING HOBBS, NM

Sampling Date: 02/09/09 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ZL Analyzed By: AB/HM

Receiving Date: 02/10/09
Reporting Date: 02/27/09**
Project Owner: NOT GIVEN

Project Name: VACUUM MARATHON McALISTER

Project Location: NOT GIVEN

	GRO	DRO	
	$(C_6 - C_{10})$	(>C ₁₀ -C ₂₈)	CI*
LAB NUMBER SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	02/10/09	02/10/09	02/10/09
H16863-1 SB #1 @ 20'	<10.0	<10.0	352
H16863-2 SB #2 @ 30'	<10.0	31.5	272
			i
		500	
Quality Control	549	562	500
True Value QC	500	500	500
% Recovery	110	112	100
Relative Percent Difference	3.0	7.1	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB
*Analyses performed on 1:4 w:v aqueous extracts.

**Revised Report.

Chemist

Date

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

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Company Nam	Company Name: 210E OPERATING	i.	2.000	8	01 TIB					ANALYSIS		REQUEST	EST	The state of the s		
Project Manage	Project Manager: 1974CIS CONDUETS		P.O. #:	#												
Address:	122 W 747 W		S	Company:												
City:	14-078 ESS State: ///	State: $MI-1$ Zip: $EEZVU$	Attn:	انم												
Phone #:	77	Fax#: 3971471	Adc	Address:												
Project #:	Project Owner:	/ner:	City:	::				-			16	1				
Project Name:	VACCULA MARATHEN MALLS	M.H.H.STER	State:	te:	Zip:						<u> </u>	<u>))</u>	3erin			<u></u>
Project Location:	in:		Pho	Phone #:				b				_)_	<u> </u>			
Sampler Name:	" LOWIA CIPIECO	16CC	Fax #:	#.				1/9)	2)	<u> </u>		
FOR LAB USE OURY	TO COMPANY THE PROPERTY OF THE	MATRIX		PRESERV	V. SAMPLING	JG.		5/						<u>J</u>		
		293 ATER						08 x						>		
Lab I.D.	Sample I.D.	OBAR(O) # CONTAIN # COUNDW MASTEWA JIOS	SLUDGE OTHER:	OEITEB ICE \ COOF VCID\BYSE	отнея: ОАТЕ	TIME	21073	-/c/1								
116867-1	-SE#1 20'	_		7	60/6/7	9:10										
7-2	-2 SBH 2 30'	(G 1)		Ä	2/9/69 9:14	9:14										
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PLEASE NOTE: Choling	PLEASE NOTE: Usudity and Osmoges. Cardinal's hability and Glants exclusive remety for any claim ansing whether based in contract or tout, shall be limited to the amount paid by the citem for the	ty for any claim aroing whether based in o	contract or ton	t, shalf be limb	led to the amount paid	I by the client for	' the									

PLEASE NOTE: Usuality and Comagnes. Cardinals liability and clients endusive remety for any claim uining virtebrer based in volutact or tort, shall be limited to the amount paid by the client sort and any most for the cardinal within 30 days after comprehensial and any consequence shall be deemed waved unless made in witing and received by Cardinal within 30 days after comprehens to the applicable service. In no available broad was visualental or consequence that damages, including without initiation, business instructions, last or their prior of problems that the stabilished instructed by client, its substitutes and any consequence of services are received by client, its substitutes and any client and of or tabled to the propriet of services and any propriet reasons or distruction.

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Sampler - UPS - Bus - Other:		Yes No No No	J purvis @ MCGocci.com

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

							77
	Logger:		Tony Grieco	Client:			weil iD:
	Driller:		Harrison & Cooper, Inc. Drilling	RICE	Operating	Company	L
Drilli	ng Method:		Air rotary	Project	Name:		
	Start Date:		2-9-09	Vacuur	m Marathon	McCallister	
	End Date:		2-9-09	Locatio	n:		SB - 1
Comme	ents:			Vacu	ıum SWD	System	02 .
Lo	ocated: at the	e cente	r of the former junction box site			O) O (0)	
				unit 'M'	' Sec.25 T	17S, R34E	
	TD = 30 ft		GW = 97 ft	Le	ea County		
Depth (feet)	chloride field tests	PID	Description	Lith	ology		oil Bore struction
20 Lab CI- DRO GRO 25 30 Lab CI-	282 363 352 <10/<10 336 279 272	0	15 - 30 ft VERY FINE TO FINE SAND dry				bentonite seal
DRO GRO	31.5/<10						

RICEOPERATING COMPANY

122 West Taylor ~ Hobbs, NM 88240 PHONE: (575) 393-9174 FAX: (575) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM

MODEL: PGM 7300 SERIAL NO: 590-000183

CK.

MODEL	12	MODEL: PGM	17300 SEI	RIAL NO: 590	-00050	4		
NO.		MODEL: PGM		RIAL NO: 110			(EI/A)	\bigvee
		MODEL: PGM	17600 SEI	TAL NO: 110)-02920		OP	Ц
	GA	S COMPOSITION:	ISOBUTYLENE	100PPM / AIR	: BALA	NCE		
LOT NO:			EXPIRATION			9-11-01	i'	
FILL DAT			METER RE	ADING ACC	URAC	Y: 100	0.0	
ACCURAC	JY: +/- 2% 							
SYST	EM L	SITE	UNIT	SECTIO	N	TOWN	SHIP	RANGE
Vacour	· Merc.	has Machinter	ins.	25		77	15	R34E
SAMPLE	E ID:	50 ti						
DEPTH	PID	DEPTH	PID	DEPTH	PII	D	DEPTH	-i PID
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20'	Ü							
25'	0							
30'	0							
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	l verif	y that I have calibrated the	aboye instrument in a	ccordance to the ma	nufacture's	s operation m	nanual.	
Signature	- I				Date		2-9-01	<u> </u>
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RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240 PHONE: (505) 393-9174 FAX: (505) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM



MODEL NO: PGM 761S SERIAL #104412

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 04-2747	EXPIRATION DATE: 6-1-06
FILL DATE: 2-1-05	METER READING ACCURACY: 100.5

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
VAC	MARATHON McCALISTER EOL	\mathbf{M}	25	17S	34E

SAMPLE ID	PID	SAMPLE ID	PID
1'		13'	0
2'			
3'	46		
4'	0.01		
5'	0.01		
6'	0.01		
7'	0.01		
8'	0.01		
9'	0.01		
10'	0.01		
11'	0.01		
12'	0.01		

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATURE:

Kay R. RASCON

DATE: 9-8-05

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240 PHONE: (505) 393-9174 FAX: (505) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM



MODEL: PGM 7600 SERIAL # 110-013744

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 100.0

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
VAC	MARATHON McCALISTER EOL	M	25	17S	35E

SAMPLE ID	PID	SAMPLE ID	PID
VERT @ SOURCE @ 13'	0		
14'	0		
15'	0		

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATURE:

Key R. RASCON

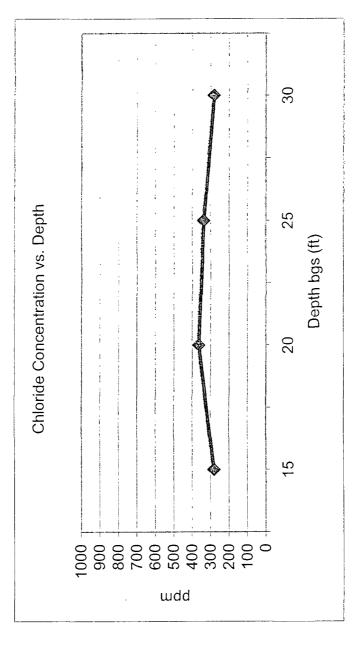
DATE: 5-22-08

Vacuum Marathon McAlister EOL

Unit 'M', Sec. 25, T17S, R34E

SOIL BORING samples at the junction (source)

Depth bas (ft)	(CI) ppm
15	282
20	363
25	336
30	279



Groundwater = 95 ft